R.M.U. USE ONLY
PROBLEM STATEMENT NO:
DATE OF RECEIPT:



STAGE I RESEARCH PROBLEM STATEMENT

I.	PROBLEM TITLE (required): Recycling Recovered Sanding Material
п.	PROBLEM STATEMENT (required): MDT is a major contributor to TMDL of streams through application of sanding materials to the roadway. Thousands of cubic yards of sanding material are recovered annually, through roadside ditching projects, cleaning under guardrail, and roadway sweeping. This recovered material is usually disposed of near where it was recovered. The recovered material is degraded (somewhat) and contaminated with debris, and large rock.
III.	RESEARCH PROPOSED (required): Research the feasibility of screening out the debris and large rock from recovered roadside material, and re-using the fines, properly disposing the debris, and using the larger rock for fill where needed.

IV. IT COMPONENT (required): Not required.

v.	
	URGENCY AND EXPECTED BENEFITS (required): Crushing sites, and sanding material disposal sites are becoming increasingly hard to find, and expensive to purchase. Disposal of sanding and ditching material near where it was recovered, does not fix the problem, it merely transfers it. Screening recovered sanding material, and stockpiling for later re-use, immediately reduces TMDL in the recovery area. Whatever percentage of recovered material that is re-usable is a percentage that will not have to be crushed later. The trash and debris that is screened out could be properly disposed of, rather than creating a garbage strewn landfill at some other location. The cleaned roadside will present a more groomed appearance to the traveling public.
VI.	IMPLEMENTATION PLAN (required): MDT forces will recover and haul all sweeping and ditching material to the nearest road sand stockpile location, and develop a stockpile of "recovered" material that could be screened and recycled at a later date. Once sufficient recovery material is accumulated, bring in a screening plant and recycle the sanding material and integrate it into existing sand stockpiles, or blend it into salt/sand pug mill processing. Properly dispose of litter and wood debris, use the larger rock for fill or crush for sanding material.
VII.	SUBMITTED BY: (required) NAME Bill Sansom TITLE: Field Maintenance Supervisor – C
VII.	NAME Bill Sansom
VII.	NAME <u>Bill Sansom</u> TITLE: Field Maintenance Supervisor – C AFFILIATION: MDT, Missoula Division, Lookout Pass Maintenance Section.
VII.	NAME Bill Sansom TITLE: Field Maintenance Supervisor – C AFFILIATION: MDT, Missoula Division, Lookout Pass Maintenance Section. ADDRESS PHONE NO: 678-4281

	ADDRESS
	PHONE NO.
	E-MAIL
IX.	SPONSOR(S): (Internal to MDT, Division Administrator or higher)
IA.	NAME(S)
	NAME(S)PHONE #(S)
	E-MAIL(S)
Note: Sul	tter may attach continuation sheets if necessary.